PRODUCT DATASHEET

Transmitters

for measurement of differential pressure

Description

Primary Flow Signal offers a variety of transmitters for accurate and reliable measurement of differential pressure. Others are available for flow, gauge pressure, and absolute pressure.

Markets

- Municipal
- Automotive
- Power
- Industrial
- Oil & Gas

ABB 266DSH TRANSMITTER

This transmitter features in-field replaceable electronics module that thanks to the auto-configuration functionality dramatically improves plant productivity. Its intuitive plug-and-play display with easy setup procedure really helps users by saving time and lowering maintenance and inventory costs.

Specifications

Warranty: Up to 5-year limited

Base accuracy: from ±0.06%

Rangedown: Up to 100:1

10-year installed stability: produces reliable measurements and wide application flexibility

Span limits: 0.05 to 16000kPa; 0.2 ... 2320 psi

Multiple protocol availability: provides integration with HART®, PROFIBUS PA and FOUNDATION Fieldbus platforms offering interchangeability and transmitter upgrade capabilities

Certifications/Approvals: Full compliance with PED Category III. SIL 2/3 certified to IEC 61508 (via 3rd party) and prior-use certificate of FMEDA data for safety installations

EMERSON ROSEMOUNT 3051S MULTIVARIABLE TRANSMITTER

Engineered with a coplanar flange for installation and application flexibility, this transmitter is easy to install and designed with direct process mounting capability for cost-effective installation and efficiency.

Specifications

Warranty: Up to 5-year limited

Base Accuracy: from ±0.025%

Rangedown: Up to 200:1

Communication Protocol: 4-20 mA HART, WirelessHART®, FOUNDATION fieldbus

Measurement Range: Up to 2000psi (138 bar) Differential, Up to 6092 psi (420 bar) static

Process Wetted Material: 316L SST, Alloy C-276, Tantalum, Gold-plated 316L SST

Diagnostics: Basic Diagnostics

Certifications/Approvals: NSF, NACE, hazardous location, see full specs at Emerson.com for complete list of certifications. SIL 2/3 certified to IEC 61508 by an independent 3rd party, NSF, NACE, hazardous location, see full specs for complete list of certifications